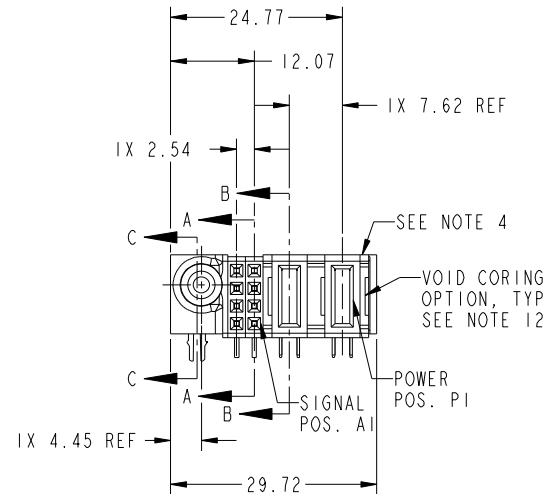
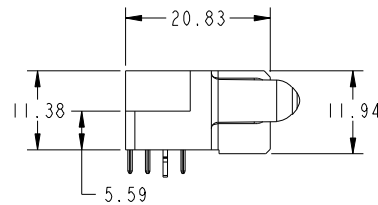


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PRODUCT NO.	ROWS	SIGNAL		POWER		E1
		E2	z 1	P2	P1	
51915-171-- NOTE 3	D C B A		H G F E	PA	PA	



CODE	DIM "M" MATING LENGTH	CONTACT TYPE
PA	[1.07]	POWER
H	[N/A]	SIGNAL
G	[N/A]	SIGNAL
F	[N/A]	SIGNAL
E	[N/A]	SIGNAL
HA	[N/A]	HOLD-DOWN

mat'l code				tolerances unless otherwise specified		CUSTOMER	
litr	ecn no.	dr	date	linear	0.X ±0.3	COPY	
A	DG08-0209	JW	07/01/08		0.XX ±0.13	projection	title
				angles	0.XXX ±0.051		2ACP + 8S R/A SOLDER RECEPTACLE
				dr	0° ±2°	MIM	product family
				enrg	JULIA WANG 07/24/08	scale	PwrBlade
				chr	JEROME CHEN 07/24/08	1:1	code
				appd	GARY HSIEH 07/24/08		213
					JOSEPH HSIA 07/24/08		sheet
sheet index	revision sheet	A	A	A	A		1 of 4
		1	2	3	4		

Pro/E

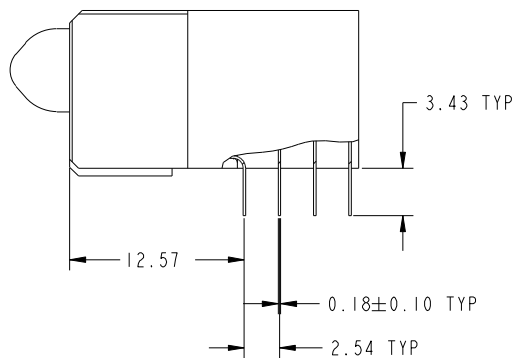
cage code 22526

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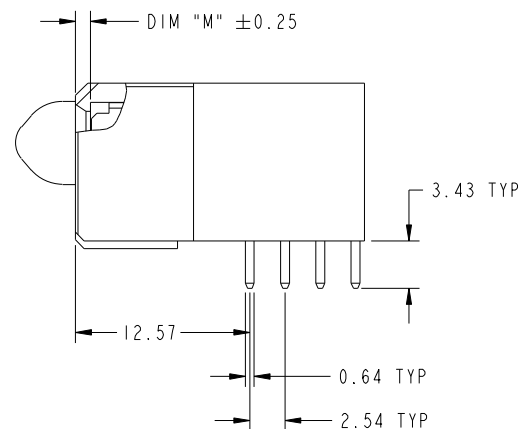


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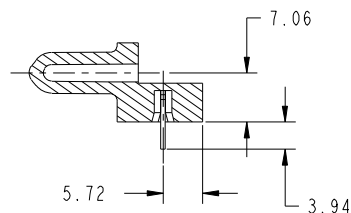
PRODUCT NUMBER
51915-171--
NOTE 3



BROKEN-OUT SECTION A-A
SCALE 2:1



BROKEN-OUT SECTION B-B
SCALE 2:1



SECTION C-C

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com		
litr	ecn no.	dr	date	linear	0.X ± 0.3		COPY	projection		title	2ACP + 8S R/A SOLDER RECEPTACLE	
A					0.XX ± 0.13							
					0.XXX ± 0.051							
				angles	0° ± 2°		MIM	scale		product family	PwrBlade	code
				dr	JULIA WANG 07/24/08							
				enrg	JEROME CHEN 07/24/08							
				chr	GARY HSIEH 07/24/08		A	size	dwg no	51915-171	213	
				appd	JOSEPH HSIA 07/24/08							sheet
sheet index		revision sheet									2 of 4	

Pro/E

cage code 22526

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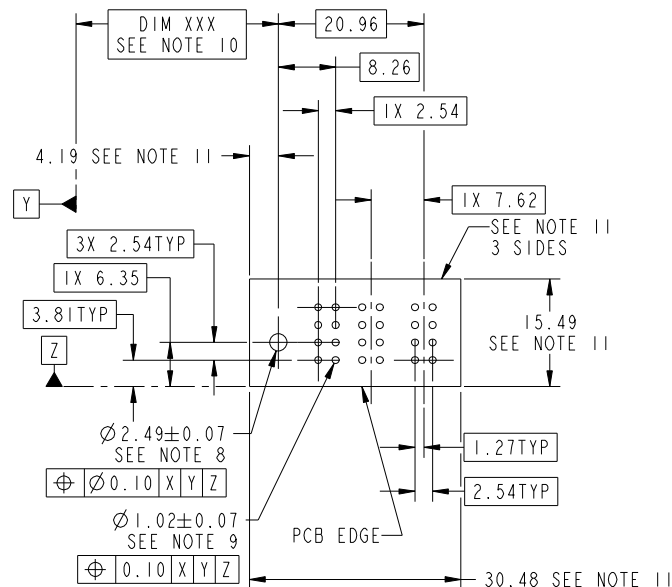
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PRODUCT NUMBER
51915-171--
NOTE 3

1 | 2

3 |

4



RECOMMENDED PCB LAYOUT

mat'l code				tolerances unless otherwise specified		CUSTOMER		FCI	
litr	ecn no.	dr	date	linear	0.X ±0.3	COPY		www.fciconnect.com	
A				linear	0.XX ±0.13	projection		title	
				angles	0.XXX ±0.051			2ACP + 8S	
				dr	0° ±2°			R/A SOLDER RECEPTACLE	
				enr	JULIA WANG 07/24/08	MIM		product family	PwrBlade
				chr	JEROME CHEN 07/24/08	scale		size	dwg no
				appd	GARY HSIEH 07/24/08	1:1		A	51915-171
					JOSEPH HSIA 07/24/08				213
sheet index	revision sheet								sheet 3 of 4

1 | 2

Pro/E

3 |

cage code 22526

4

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PRODUCT NUMBER
51915-171-- NOTE 3

NOTES:

1. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED.

CONNECTOR NOTES:

- (2.) HOUSING MATERIAL: UL 94 V-0 GLASS FILLED
HIGH-TEMP THERMOPLASTIC
POWER CONTACT MATERIAL: COPPER ALLOY
SIGNAL PIN MATERIAL: COPPER ALLOY

3. PLATING:
51915-171, 51915-171LF PLATING SPEC. WAS SHOWN IN THE PRINT OF 10064183.

- (4.) MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.
- (8.) MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.
- (9.) $\varnothing 1.151 \pm 0.025$ DRILLED HOLES PLATED WITH
0.008 MIN SnPb OR Sn OVER 0.03
TO 0.08 Cu PLATING TO ACHIEVE
 $\varnothing 1.02 \pm 0.07$ HOLE.
- (10.) "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.
- (11.) CONNECTOR KEEP-OUT ZONE.
12. THE VOID CORING IN BETWEEN POWER MODULES, SIGNAL MODULES AND END MODULES ARE OPTIONAL AND THE SHAPE MAY BE DIFFERENT FOR OPTIMIZE THE MOLDING PROCESS. THE VOID CORING WILL NOT EFFECT TO PRODUCT FUNCTION.

mat'l code SEE NOTE 2				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com						
ltr	ecn no.	dr	date	linear	0.X ±0.3		COPY		title 2ACP + 8S R/A SOLDER RECEPTACLE					
A					0.XX ±0.13		projection							
					0.XXX ±0.051									
				angles	0° ±2°				product family PwrBlade code size dwg no 213 A 51915-171 sheet 4 of 4					
				dr	JULIA WANG	07/24/08								
				enrg	JEROME CHEN	07/24/08								
				chr	GARY HSIEH	07/24/08	scale		A 51915-171					
				appd	JOSEPH HSIA	07/24/08	1:1							
sheet index		revision sheet												

cage code 22526